

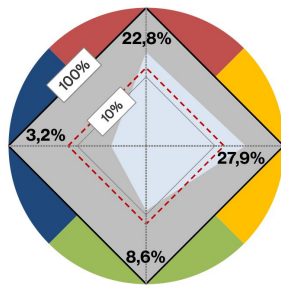
laservision

laser safety spectacle F46P1L16



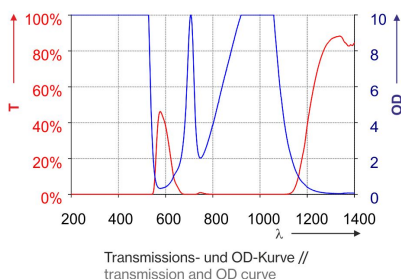
Articlenumber: F46P1L161001
GTIN: 4050369055964
Unit: 1 Stück
Weight incl. packaging 0,20 kg

Color view



Transmission der Signalfarben nach DIN EN 172 //
transmission of signal colours acc. to EN 172

Filtercurve



Transmissions- und OD-Kurve //
transmission and OD curve

Highlights

- Alignment-/Full Protection with LB levels acc. to EN 207 and EN 208
- Especially suitable for high power lasers in the UV, blue and green area up to 535nm
- for lasers at 694nm and IR-lasers at 808-1080nm. Adjustment lasers at 640-655nm
- Broad band filter for different medical applications
- Good colour view and high VLT
- [F18](#), [F22](#), [F42](#) and [F46](#) OTG with flexible and foldable temples

The laservision laser safety spectacles F46.P1L16.1001 are particularly suitable for various applications with high-power lasers in the UV, blue and green wavelength range up to 535nm. This filter is also certified in the visible range at 694nm and in the NIR range from 808 to 1080nm with full protection levels according to EN 207. In the visible red wavelength range 640-655nm (target laser) these eyewear can also be used as adjustment protection (certified according to EN 208). The multifunctional spectacle with the orange filters and the Clipnetic system can be worn as over-glasses over prescription glasses with the Clipnetic cover (A46.COVER.1000), or as normal laser safety eyewear with the Clipnetic flex nose (A46.CNOSE.1000) by the magnet system. It can also be equipped with an RX insert (A46.RXINS.1000) through a magnet system. laservision also offers a glazing service for this purpose, so the way to the optician is no longer necessary. Overall, the F46 is very cost-effective, as it is very well suited for changing carriers within the area of ??application. The scope of delivery includes all Clipnetic features, which can be optionally reordered at any time. laservision recommends the professional cleaning station (A99.CLSTA.1300) for cleaning the laser safety spectacles.

COATING:	no coating
FILTER:	P1L16
FILTER COLOUR:	Orange
FILTER CURVATURE:	Base curve 6
FILTER MATERIAL:	Plastic
FILTER TECHNOLOGY:	Absorption filter
FILTER THICKNESS:	ca. 2mm
FRAME:	F46
FRAME TYPE:	OTG with temples, Spectacle, Spectacle with Rx insert option

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PROPERTIES:	glazing service für rx-insert, Clipnetic-System, kaltverformbare Bügelenden
PROTECTION CLASS / NORM:	EN 207 full protection, EN 208 Alignment protection
PROTECTION RANGE:	near infrared, visible, ultraviolett
VLT (APPROX.):	15%
VISUAL BRIGHTNESS:	Low
COLOUR RECOGNITION:	Limited

WAVELENGTH	OD	OPERATING MODE / TESTED PROTECTION LEVEL
180 - 315	(OD10+)	D LB10 + IR LB4 + M LB6Y
>315 - 532	(OD8+)	D LB6 + IR LB8 + M LB8Y
>532 - 535	(OD6+)	DIRM LB6
640 - 655	(OD1-2)	0,01W 2x10E-6J RB1
690 - <694	(OD6+)	DIRM LB6
694 - 715	(OD8+)	D LB6 + IM LB7 + R LB8
808 - <890	(OD4+)	DIRM LB4
890 - 1064	(OD8+)	D LB6 + IR LB8 + M LB8Y
>1064 - 1075	(OD7+)	D LB6 + IRM LB7
>1075 - 1080	(OD6+)	DIRM LB6